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DEGUSSA AG	A00 E15 (A28)	* DE 4211454-A1		
92-04-06 92DE-4211454 (93-10-07) C08G 59/50, 18/32, C08J 3/24, C08L 63/00, 75/00, C08K 5/17, C08G 18/65				
isophorone-di:amine mixts. with above 40 per cent trans Isomer useful as hardeners in epoxy, polyurethane and polyurea resins to give longer working time and lower peak exotherm				
<b>C93-143116</b>				
Addnl. Data: PLANA H, HUTHMACHER K				
The use of isophorone-diamine (IPDA) isomer mixts. (I) contg. more than 40% trans-isomer and less than 60% cis-isomer as reactants in poly-addn. resins of the epoxide, polyurethane and polyurea types is claimed.				
<u>ADVANTAGES</u>				
Due to steric hindrance at the axial aminomethyl gp. on C3, IPDA mixts. (I) are less reactive than the normal mixts. contg. 75% cis- and 25% trans-isomer. Polyaddn. resin cmpsn. contg. (I) as hardener therefore have a longer pot life (working time), combined with a lower peak curing exotherm, reduced shrinkage on curing, good mechanical properties and good adhesion etc.				
<u>EMBODIMENT</u>				
(I) contains more than 50-70% trans-IPDA and less than 50-30% cis-IPDA. Such mixts. are obt'd. by reaction of 2				
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